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1. Name of conveying party(ies):
Cyril BERTRAND, Philippe SEHIER

2. Name and address of receiving party(ies)?

ALCATEL
54 Rue la Boétie
75008 PARIS, FRANCE

Additional name(s) of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance:

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☐ yes ☒ no

Execution Date: September 14, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/155,714

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-32136. Total number of applications and registration involved:
17. Total Fee (37 CFR 3.41): \$40.00
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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David J. Cushing

Reg. No. 28,703

March 10, 1999

Date

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PATENT
REEL: 010141 FRAME: 0263

ASSIGNMENT

Whereas, ~~I~~/We Cyril BERTRAND and Philippe SEHIER
of 57 rue des Trois Frères - 75018 PARIS, FRANCE
and 14Bis, rue Schnapper - 78100 SAINT GERMAIN-EN-LAYE, FRANCE

hereinafter called assignor(s), have invented certain improvements in A METHOD AND APPARATUS FOR DIGITAL FILTERING, DECIMATING, AND DISTRIBUTED TRANSPOSING INTO BASEBAND, AND A CORRESPONDING DIGITAL DEMODULATOR and executed an application for Letters Patent of the United States of America therefor on September 14, 1998

Filed February 9, 1998 under n° PCT/FR/00242
19 ; and

Whereas ALCATEL
54 Rue La Boétie - 75008 PARIS, FRANCE

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained thereof;

Now, therefore, for valuable consideration, receipt whereof is hereby acknowledged,

~~I~~/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and ~~I~~/We request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application of the assignee, its successors and assigns; and ~~I~~/We will execute without further consideration all papers deemed necessary by its assignee in connection with the United States application when called upon to do so by the assignee.

~~I~~/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/155,714, filed October 5, 1998) the filing date and application number of said application when known.

Date : September 14, 1998 S/ Cyril BERTRAND
Cyril BERTRAND
Date : September 14, 1998 S/ Philippe SEHIER
Philippe SEHIER
Date : S/ _____
Date : S/ _____
Date : S/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)